

Decoding PIREPs

Objective: Decode 5 PIREPs with no errors as determined on a Go/No Go checklist.

Decode PIREPs to include:

- ICAO, message type, location, time, flight level, and aircraft type.
- Sky cover.
- Weather.
- Temperature
- Wind direction and speed
- Turbulence/icing
- Remarks

ICAO

**JFK UA /OV CRI/TM 1842/FL030/TP
B767/TB MDT 030-060**

Message Type

**JFK UA /OV CRI/TM1842/FL030/TP
B767/TB MDT 030-060**

**LAW UUA /OV LAW/TM
1913/FLUNKN/TP C9/RM LLWS +/- 15
FA RWY 17 BLO 030 MSL;**

Location (/OV)

/OV KOFF 360050 is 50 miles north of Offutt AFB, NE.

/OV KLIT is directly over Little Rock AFB, AR.

/OV KSSC 270120 is 120 miles west of Shaw AFB, SC.

**/OV PGUA-PGUA is along the route from Andersen
To Won Pat International Airport, GU.**

Time (/TM)

JFK UA /OV CRI/TM 1842/FL030/TP B767/TB MDT

Flight Level (/FL)

**JFK UA /OV CRI/TM 1842/FL030/TP B767/TB
MDT 030-060**

**YIP UA /OV YIP/TM 1826/FL012/TP C310/SK OV
C012/WX -RA/TB NEG/RM DURD**

**FWA UA /OV FWA/TM 1945/FL180/TP C500/IC
MOD RIME/RM DURC FM FL180-200**

**HIB UA /OV HIB180030-
HIB/TM 1950/FLUNKN/TP C210/WX -
RA/TA UNKN/IC**

NEG 060 AND BLO

Module 2, Decod
ing RIFERs

Type Aircraft (/TP)

ABR UA /OV ABR 135045/TM 1915/FL370/TP B707/
TB LGT-MOD CHOP/RM SMTH 350/BLO

MCI UA /OV MCI 090035/TM 1800/FL390/TP B767/
TB MOD CHOP/RM FM ZKC

CMI UA /OV CMI080020/TM 1925/FL080/TP BE33/
TB LGT-MOD/RM WING GUSTS 24KTS

ORD UA /OV MLI-JOT/TM 1928/FL370/TP SVRL
/TB CONT LGT OCNL MOD/RM
REPORTED BY NUMEROUS JET ACFT

Sky Cover (/SK)

GPT UA /OV GPT 220006/TM 2025/FLUNKN/TP
FA20/**SK OVC UNK-TOP020**/TB LGT/RM DURGD

GPT UA /OV GPT/TM 1935/FL050/TP T34/**SK IM**
C/WX -RA/TA M02

LIT UA /OV LIT/TM 2047/FL410/TP LJ25/**SK SKC**
/TA -32/TB CONT LGT -MOD

SMP UA /OV SMP /TM 1817 /FL 062 /TP C182 /**S**
K SCT060 /TA M04 /TB NEG

Weather (/WX)

**HVN UA /OV HVN/TM 1800/FL035/TP
C182/WX FV3-4SM HZ;**

**MCE UA /OV MCE 090020/TM 1842/FL106/TP
C210/SK SKC/WXFM99SM/TB NEG**

**PIE UUA /OV PIE180008/TM 1725/FL000/TP
C172/RM FUNNEL CLOUD REPORTED BY
PUBLIC;**

Temperature (/TA)

**CSV UA /OV LVT/TM 1805/FL260/TP C560/TA M1
2/IC MOD**

**GPT UA /OV GPT/TM 1935/FL050/TP T34/SK IM
C/WX -RA/TA M02**

**GGG UA /OV ASL/TM 1840/FL080/TP PA34/SK SK
C/TA 02/TB SMOOTH**

Wind Direction and Speed (/WV)

**GEG UA /OV GEG /TM 1835 /FL 290 /TP F28 /S
K SKC /TA M40 /WV 230100KT /TB NEG**

**DGW UA /OV DGW045035/TM 1921/FL240/TP
BE90/TA M26/WV 27059KT**

Turbulence (/TB)

SMP UA /OV SMP /TM 1817 /FL 062 /TP C182 /SK SCT060 /TA M 04 /TB NEG

**DEN UA /OV EGE-
DEN/TM 1906/FL120/TP UH1/TA 00/TB OCNL LGT/RM CIG
ON CORONA PASS 1200-1400 AGL**

DEN UA /OV HGO330033/TM 1908/FL095/TP C182/TB LGT-MOD

**FNL UA /OV BJC260025-3V5/TM 1946/FL135/TP BE36
/TB CONS LGT OCNL MOD 135-095**

**BAM UA /OV BAM 045020/TM 2010/FL310/TP B737/TB MOD CH
OP/RM ZLC**

Icing (/IC)

**LAS UA /OV LAS250030/TM 1900/FL240/TP B737/IC LGT
RIME/RM ZLA CWSU**

**JAC UA /OV JAC/TM 1940/FLDURD/TP E120/TA M03/IC LG
T RIME 150-120/RM FROM THE NORTH**

**MGM UA /OV SEM/TM 1805/FL040/TP SH33/IC TRACE RI
ME**

Remarks (/RM)

**GPT UUA /OV GPT 180010/TM 1946/FL030/TP LJ35/RM LLWS +/
- 10 KTS**

**GPT UA /OV GPT 220006/TM 2025/FLUNKN/TP FA20/SK OVCUN
K-TOP020/TB LGT/RM DURGD**

**TWF UA /OV GNG/TM 1846/FLUNKN/TP UNKN/RM RAFT RIVER
MTNS OBSCD/GOOD VFR TWF WEST**

Conclusion

Questions?